

# MATERIAL SAFETY DATA SHEET

MSDS

DATE: 07/15/99

MSDS #: 522197

NEW [ ]

REVISED [X]

PURSELL INDUSTRIES INC

P O Box 540

Sylacauga, AL 35150

EMERGENCY PHONE NUMBERS

PURSELL 1-800-874-8892

CHEMTREC 1-800-424-9300

## SECTION - I - PRODUCT INFORMATION

PRODUCT NAME: Ultra Vigoro St. Augustine Weed & Feed w/Atrazine 30-3-4

PRODUCT NUMBER: 522197

CHEMICAL NAME: Atrazine Herbicide, Polymer-coated Urea, Polymer-coated Sulfur coated Urea, Urea, Diammonium Phosphate, Muriate of Potash, Ferrous Sulfate

CHEMICAL CLASS: Triazine Herbicide /Fertilizer Compound

EPA REGISTRATION NUMBER: 8660-12

NFPA RATING: Health - 2 Flammability - 0 Reactivity - 1 Special - None

NFPA CODES: 0=Least 1=Slight 2=Moderate 3=High 4=Extreme

## SECTION - II - INGREDIENT INFORMATION

ACTIVE INGREDIENT

CAS NUMBER

PEL

TLV

OTHER

% BY WEIGHT

ATRAZINE

2-chloro-4-ethylamino-6-isopropylamino-s-triazine

1912-24-9

5 mg/m<sup>3</sup>

5 mg/m<sup>3</sup>

NI

1 102

RELATED COMPOUNDS

NI

NI

NI

0 058

INERT INGREDIENTS

98 840

## SECTION - III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NA

Bulk Density: 56-59 lbs./ft<sup>3</sup>

Vapor Pressure (mmHg): NA

Melting Point: NA

Vapor Density (Air=1): NA

Evaporation Rate(Butyl Acetate=1): NA

Solubility in Water: Fertilizer chemicals are water-soluble. Herbicide compound and polyurethane coating are water insoluble.

Appearance and Odor: Beige brown, green, yellow and/or white fertilizer granules. Slight fertilizer salt odor.

## SECTION - IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: NI

Flammable Limits:

LEL: NI

UEL: NI

Extinguishing Media: Foam, dry chemical, CO<sub>2</sub>, sand, or fine earth. Only use water spray if necessary.

Special Fire Fighting Procedures: Wear full protective clothing and self-contained breathing apparatus. Short-term exposure to smoke, fumes, and gases can lead to irreversible lung injury without early signs and symptoms. Use extinguishing media suitable for the surrounding fire.

Unusual Fire and Explosion Hazards: Burning product may produce irritating or poisonous gases. Run-off from fire control area or dilution water may cause pollution. If surface water is contaminated, contact local authorities.

## SECTION - V - REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to avoid): Store separately from acids and bases.

Hazardous Decomposition or Byproducts: Thermal degradation may produce cyanuric acid, ammonia, biuret, hydrogen cyanide gas, nitrogen oxides, sulfur oxides, chlorine gas and carbon monoxide.

Hazardous Polymerization: Will not occur.

## SECTION - VI - HEALTH HAZARD DATA

### ACUTE AND CHRONIC HEALTH HAZARDS / EMERGENCY AND FIRST AID PROCEDURES

SARA Hazard category: Immediate Health Hazard

Route(s) of entry: Contact, Inhalation, Ingestion

Eyes: Immediately flush eyes with large amounts of water for 15 minutes, holding lids open. Get medical attention if irritation persists.

Skin: Wash with plenty of soap and water, including hair and under fingernails. Remove contaminated clothing and wash before reusing.

Inhalation: Dusts may cause moderate irritation to the nose, throat, and lungs. If exposure occurs, remove to fresh air.

Ingestion: Seek medical attention immediately. Call a physician. The phone number for the National Poison Control Center is (202) 625-3333. Drink 1-2 glasses of water and induce vomiting. Never give anything by mouth and or induce vomiting to an unconscious person.

Signs and Symptoms of Exposure: May cause slight eye or skin irritation. If swallowed, nausea, vomiting, or diarrhea may occur.

Other Health Warnings: Repeated skin contact may cause a sensitization (allergic) reaction in sensitive individuals.

Note to physician: There is no specific antidote for Atrazine. If ingested, induce emesis or lavage stomach.

#### SECTION - VII - PRECAUTIONS FOR SAFE HANDLING AND USE

**Storage:** Store in original container in a locked area inaccessible to children and pets. Do not store near food, feed, or seeds; other pesticides, fertilizers, or insecticides to prevent cross contamination.

**Procedures in case of spill or release:** Do not touch spilled material. Wear protective clothing, chemical resistant gloves and shoes, safety glasses or goggles. Use NIOSH/MSHA approved respirator (TC-21C) if exposure levels are high. If materials are uncontaminated, collect, label containers, and reuse as directed on label. Flush contaminated area with water if possible. Empty containers may be disposed of in licensed sanitary landfill. Do not reuse bag.

**Waste Disposal Method:** If uncontaminated, use as directed on the label. If contaminated, dispose of in accordance with all Federal, State, and Local laws. Pesticide wastes are toxic. Do not contaminate water supplies.

**Other Precautions:** Atrazine can seep or leach through soil and can enter ground water which may be used as drinking water.

#### SECTION - VIII - CONTROL MEASURES

**Ventilation Requirements:** None required with normal use of this product.

##### PERSONAL PROTECTIVE EQUIPMENT

**Respiratory Protection:** None required with normal use of this product.

**Protective Clothing:** Wear long sleeved shirt, long pants, shoes and socks, and impervious gloves.

**Eye Protection:** Safety glasses with side shields or safety goggles are recommended.

#### SECTION - IX - ADDITIONAL INFORMATION

This product contains pesticides. Pesticides and their wastes are toxic. Improper disposal of excess pesticide is a violation of Federal Law. If pesticides cannot be used according to label, contact your State or Federal pesticide control agency for guidance.

#### SECTION - X - SARA TITLE III REQUIREMENTS

Section 302 100 lbs (Atrazine)

Section 313 Toxic Chemicals Yes (1/1/95)

Section 304 CERCLA Yes

SARA Hazard Category: Immediate and chronic Health Hazard

Section 311/312 Hazardous Substance Yes

Carcinogenic Compound(s) (IARC): Yes

#### OTHER PRECAUTIONS AND COMMENTS

The information in this Material Safety Data Sheet is believed to accurately reflect the scientific evidence used in making the hazard determination. It is considered only as a guide, and not a warranty or representation for which we assume legal responsibility. Independent decisions must be made on the suitability and use of this product dependent on variable storage conditions or locally applicable laws or government regulations. The buyer and user assumes all risk and liability of storage, handling, and use of this product not in accordance with the terms of the product label.

PURSELL INDUSTRIES, INC

NI=NONE INDICATED

NA=NOT APPLICABLE

Contact: Customer Service

Telephone 1-800-874-8892

(256) 245-5282